Computers: 2

PSG/AID-273/70
15 September 1970

MEMORANDUM FOR: Executive Director, NPIC

THROUGH: Chief, Production Services Group, NPIC   S.J.

SUBJECT: Integrated Information System Progress Report
No. 12, June - August 1970

HIGHLIGHTS

Although we have made solid progress, the IIS is behind schedule. How far behind is critically dependent on progress in the next one to three weeks.

In spite of this statement, the IIS can go operational on 1 October as planned, but in a degraded mode and with a compression in planned testing of the system. That means gambling that, in October, (1) no new major difficulties will be found, (2) the system will keep up with the load and response times will be adequate, and (3) IEG will accept less desirable interim target prediction lists and presentation sheets. I do not recommend this.

OK
db

I propose that, on 24 September, I meet with the Chiefs of IEG and PSG to review the detailed evaluation, as of that date, of the items which remain undone, how much longer they require, and how we can get along without them -- or with substitutes. We would then present our decision to you.

Formal training has been completed on schedule and all manuals have been distributed.

HARDWARE

All hardware is on hand and has been tested. Installation is behind schedule because of the renovations in the IEG area. Terminals are being installed as each room is wired. September 15 is the earliest date the installation will be completed and it would appear that some terminals may not be in place by 1 October. I will report further if this becomes critical.

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SOFTWARE

There are two critical programming areas:

(1) Report Generator Program:

This program has undergone major revision. Many of its basic
functions are operational and we are producing reports. However,
several capabilities which are essential to the production of pre-
dicted target lists and presentation sheets are not yet debugged.
With luck, we will complete this work by 1 October.

(2) ASSIGN Program:

When it became evident that the initial version of RPG would
be unable to perform certain record selection functions, we
shifted these functions to the ASSIGN Program. This required
substantial revision of the program. It will be completed on or
shortly after 1 October. Although the original ASSIGN Program
can still be used, its lack of the record selection capability
means longer presentation sheets containing unwanted detail.

The other critical factor is program testing. Delay in comple-
tion of programs has caused some overlap of all test phases: Category
I (testing an individual program), Category II (testing groups of pro-
grams), and Category III (full system test and parallel operation with
the present system). Category I and II tests will be completed by or
shortly after 1 October and Category III tests clearly will not. To
go operational by 1 October will curtail Category III by over 50 per-
cent. We will have limited knowledge of how output-bound the system
can be and of the effect of saturation on the system. Until these
things are adequately tested, there is a risk of delay when overload
is encountered but, more important, there is a risk of unsatisfactory
response times.

These areas are on schedule or nearly so:

Data Entry
Verify, Edit & Approve
Operational Support (except for the ASSIGN Program which has
    been discussed)

2

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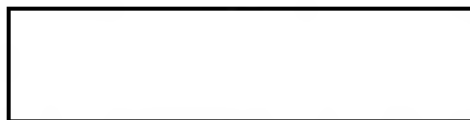SUBJECT: Integrated Information System Progress Report
           No. 12, June - August 1970

           Automatic Update
           Periodic Update
           On Line Update
           File Conversion
           PIRL Query
           Presentation Language Program
           Test Plans, all Categories

TRAINING

        On schedule. All manuals have been published and distributed and
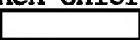all formal training has been completed.

        A total of 72 classroom hours of instruction were given to super-
visors and 160 to workers. A memorandum on training attendance was
sent to all concerned on 4 September (PSG/AID-250/70).

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                        Chief, Automated Information Division
                                 PSG/NPIC

Distribution:
   Orig & 1 - Addressee
           1 - NPIC/PPBS
           1 - NPIC/PSG
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           2 - NPIC/PSG/AID
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           1 - NPIC/PSG/AID/SIS Files
           1 - IIS File

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CENTER ROUTING SLIP

FROM			DATE
Chief, Automated Information Division			15 Sept 1970

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
EXEC/DIRECTOR		9/22	Please note paragraph 3 contains a recommendation for your consideration.
SPECIAL ASST		9/22	
ASST TO DIR			
HISTORIAN			
CH/PPBS			
DEP CH/PPBS			
EXO/PPBS			
CH/SS			
DEP CH/SS			
SC & P			
RECORDS MGT			
PERSONNEL			
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SECURITY			
FINANCE			
CH/IEG			
DEP CH/IEG			
EXO/IEG			
CH/PSG	1	S.Jo 16 Sep 70	
DEP CH/PSG			
EXO/PSG			
CH/TSG			
DEP CH/TSG			
EXO/TSG			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

John,

If you desire further information on this subject [ ] available at your convenience. Or if you rather, Tom & I will be prepared to talk to the subject at [ ] [ ] S.TSUM on 24 Sept. 70.

S. Jo
16 Sept 70

OK, para 3.

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